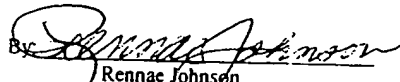


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Bruce <i>et al.</i>	Examiner:	Charioui, M.
Serial No.:	09/586,518	Group Art Unit:	2857
Filed:	June 2, 2000	Docket No.:	AMDA.455PA (TT3843)
Allowed:	June 25, 2004	Confirmation No.:	5747
Title:	RESISTIVITY ANALYSIS		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this communication is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 21, 2004.

By:   
Rennae Johnson

SUBMISSION OF FORMAL DRAWINGS

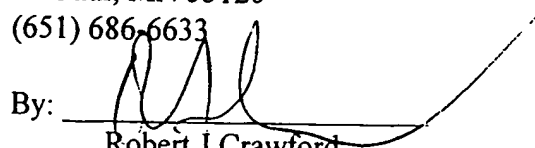
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith are 11 sheets of Formal Drawings for completion of this application, and in compliance with the requirements of the Official Communication from the Examiner dated November 15, 2002.

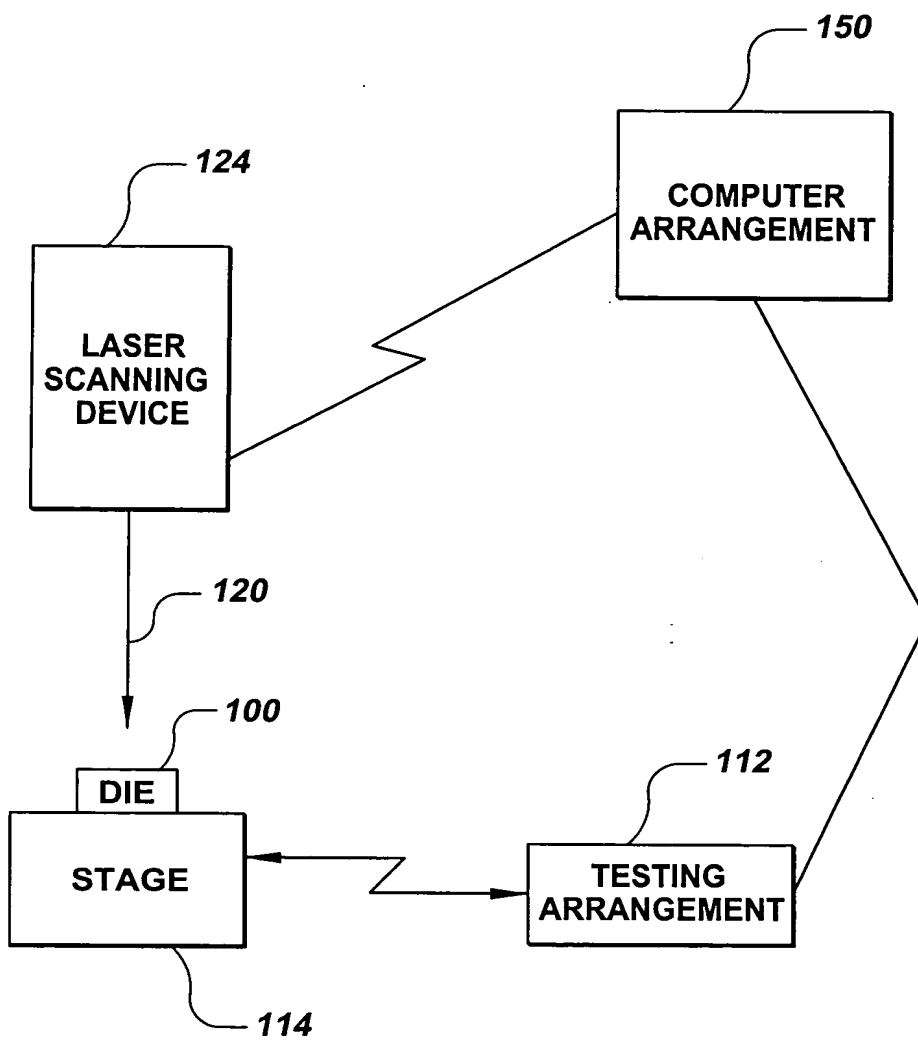
Respectfully submitted,

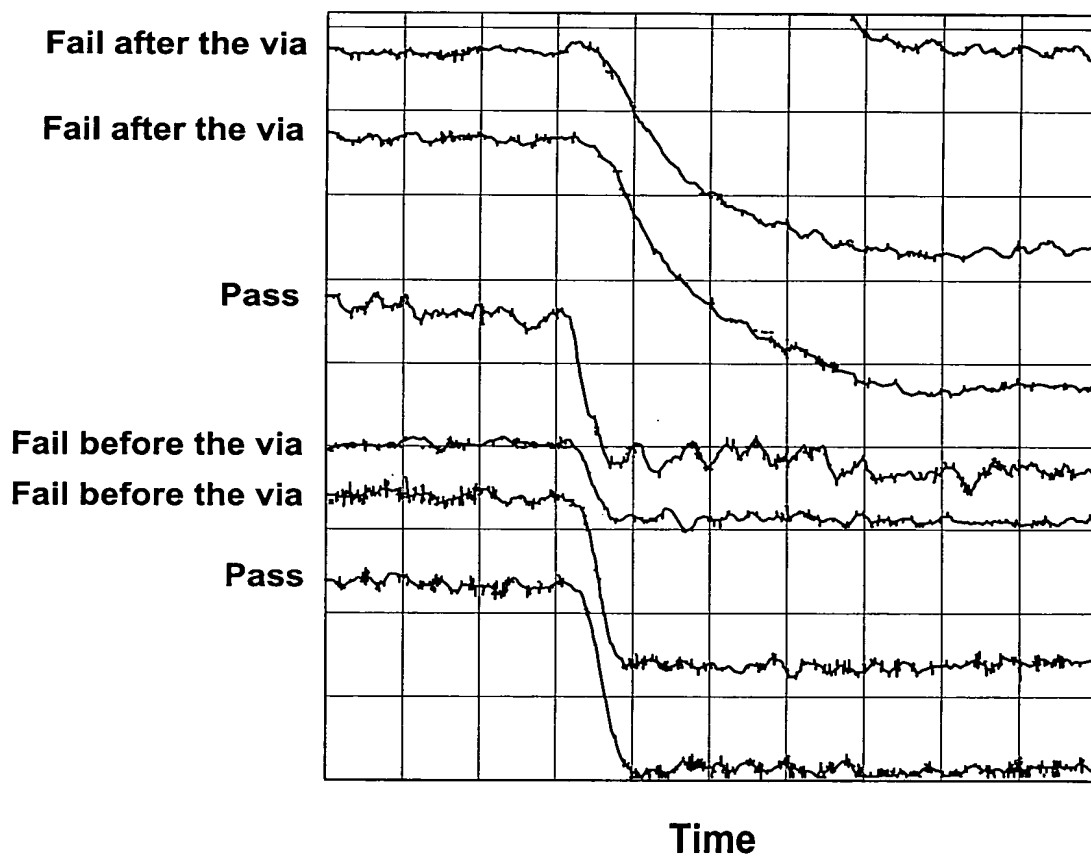
CRAWFORD MAUNU PLLC  
1270 Northland Drive, Suite 390  
St. Paul, MN 55120  
(651) 686-6633

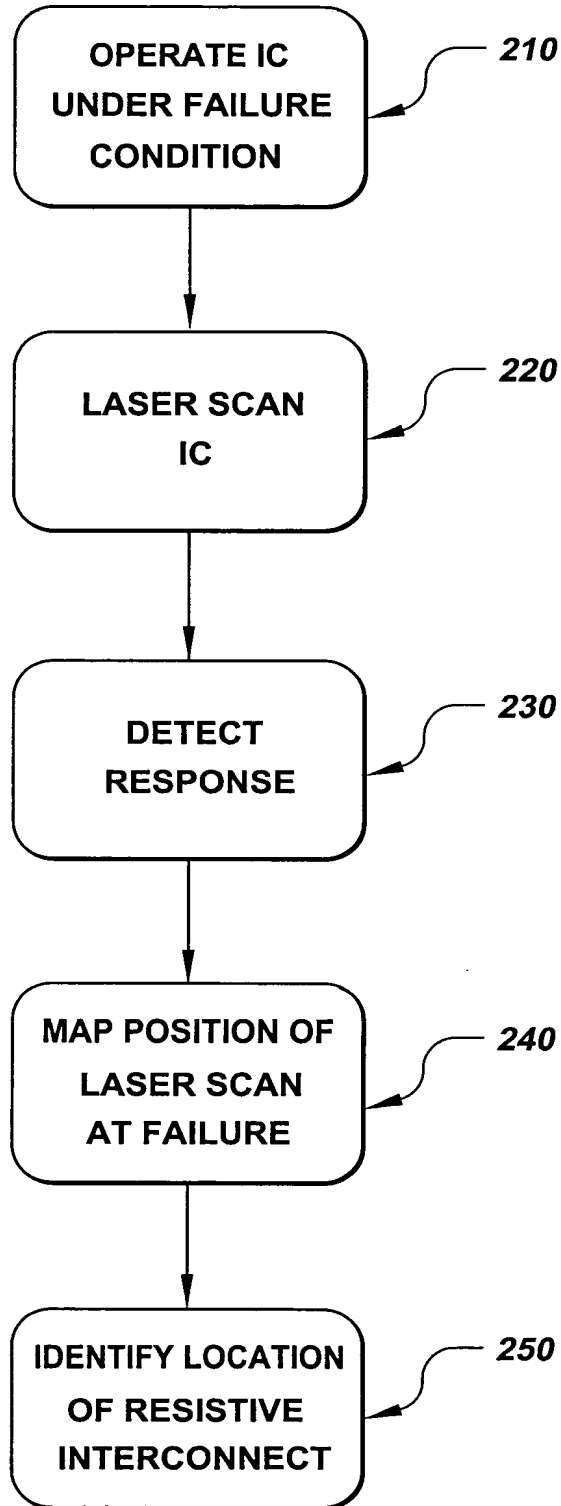
By:   
Robert J Crawford  
Reg. No. 32,122

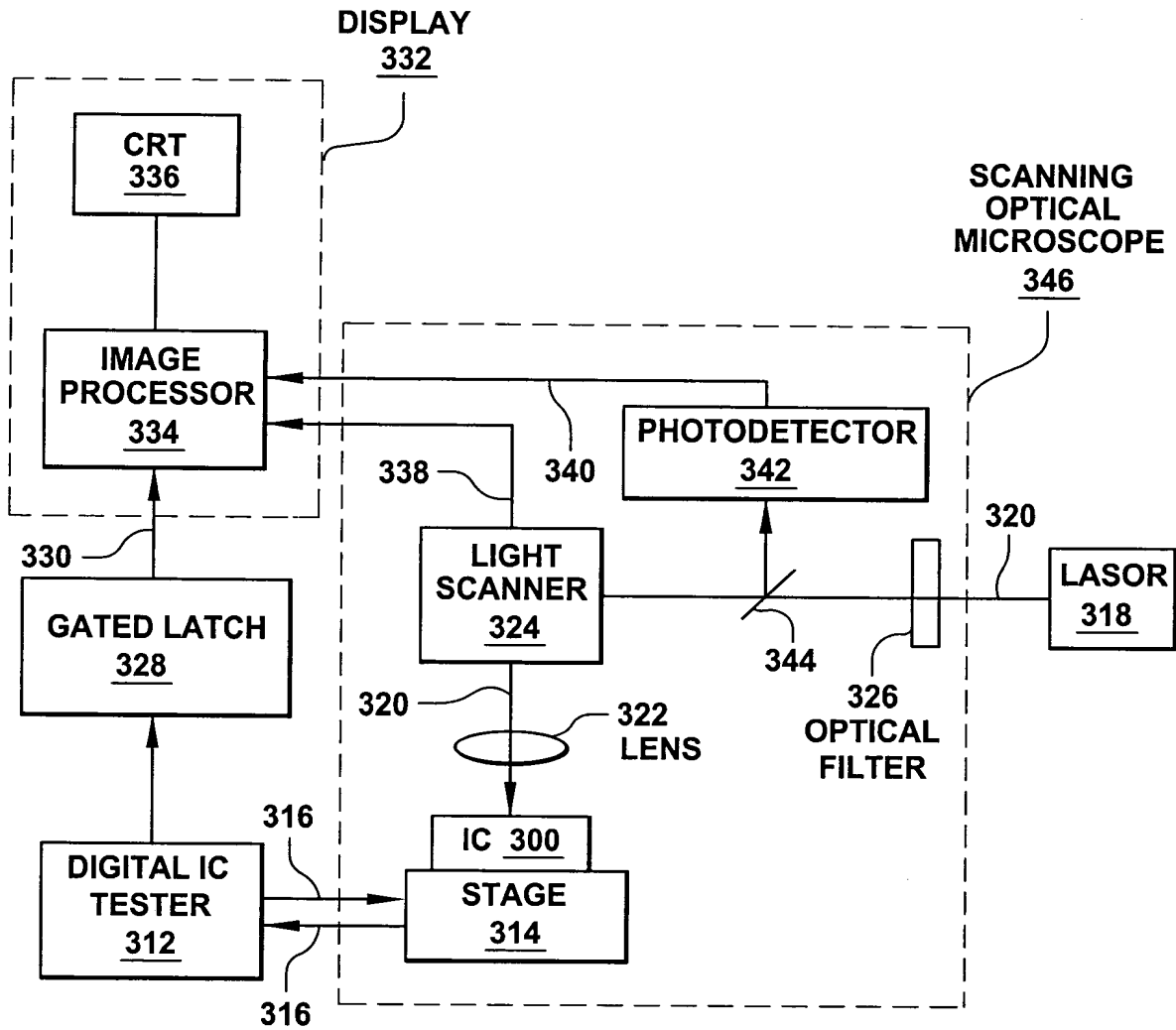
CRAWFORD PLLC  
CLIENT REF. NO. TT3843  
DATE SENT 09/21/04  
INITIALS RJ

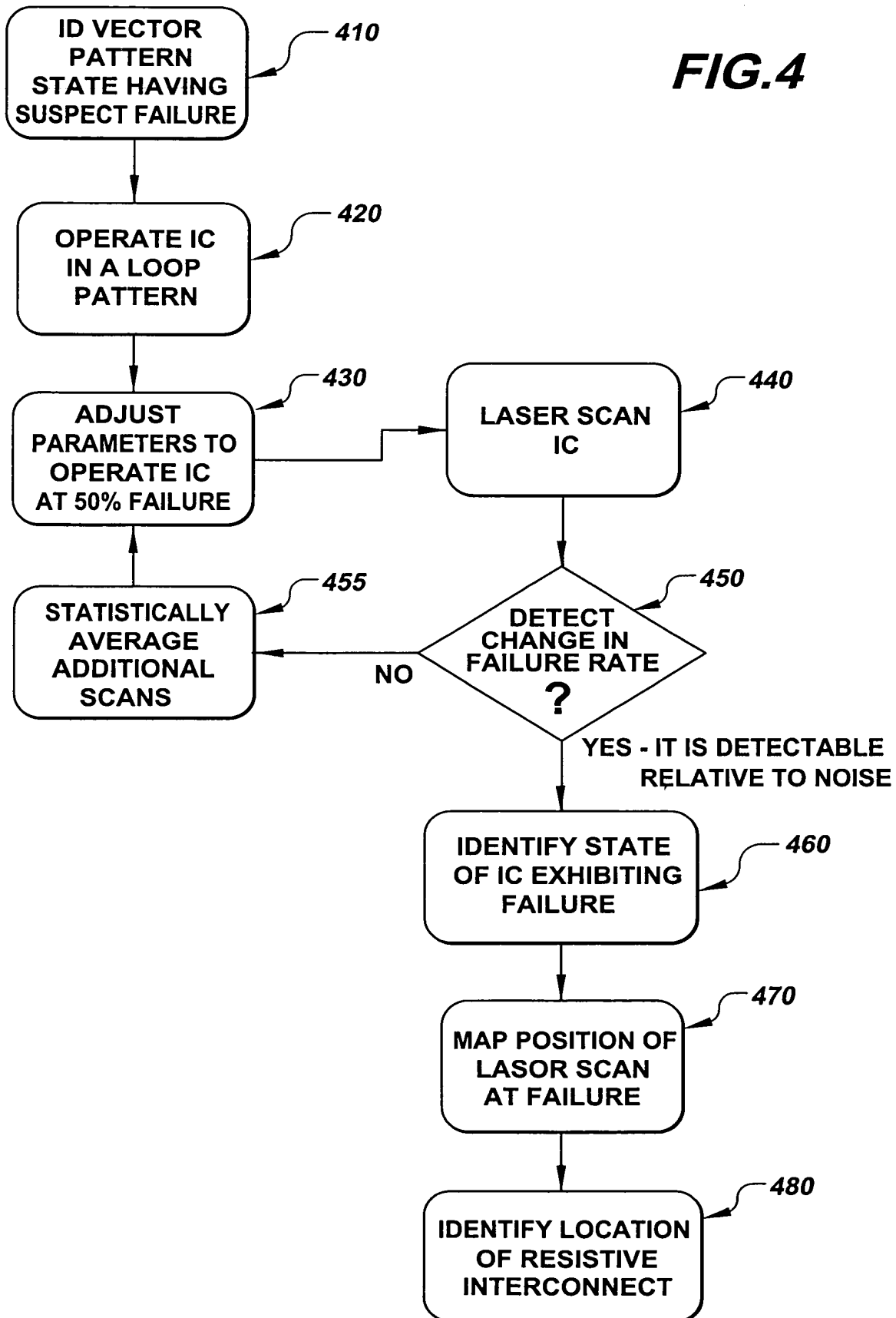
**FIG. 1**

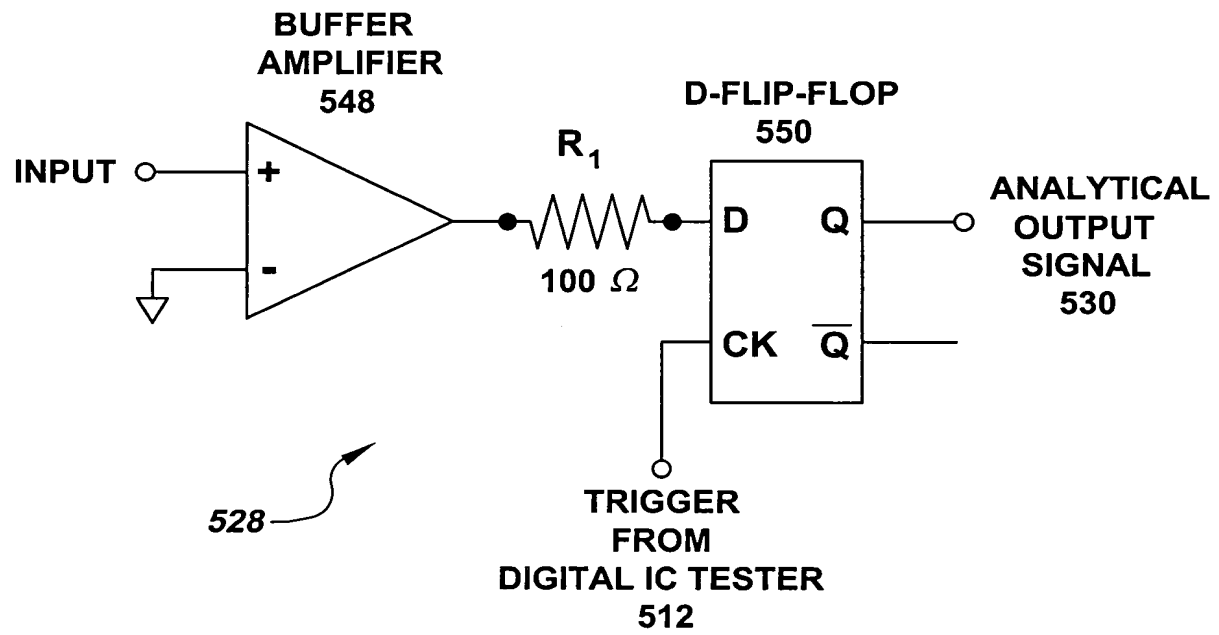


**FIG. 1A**

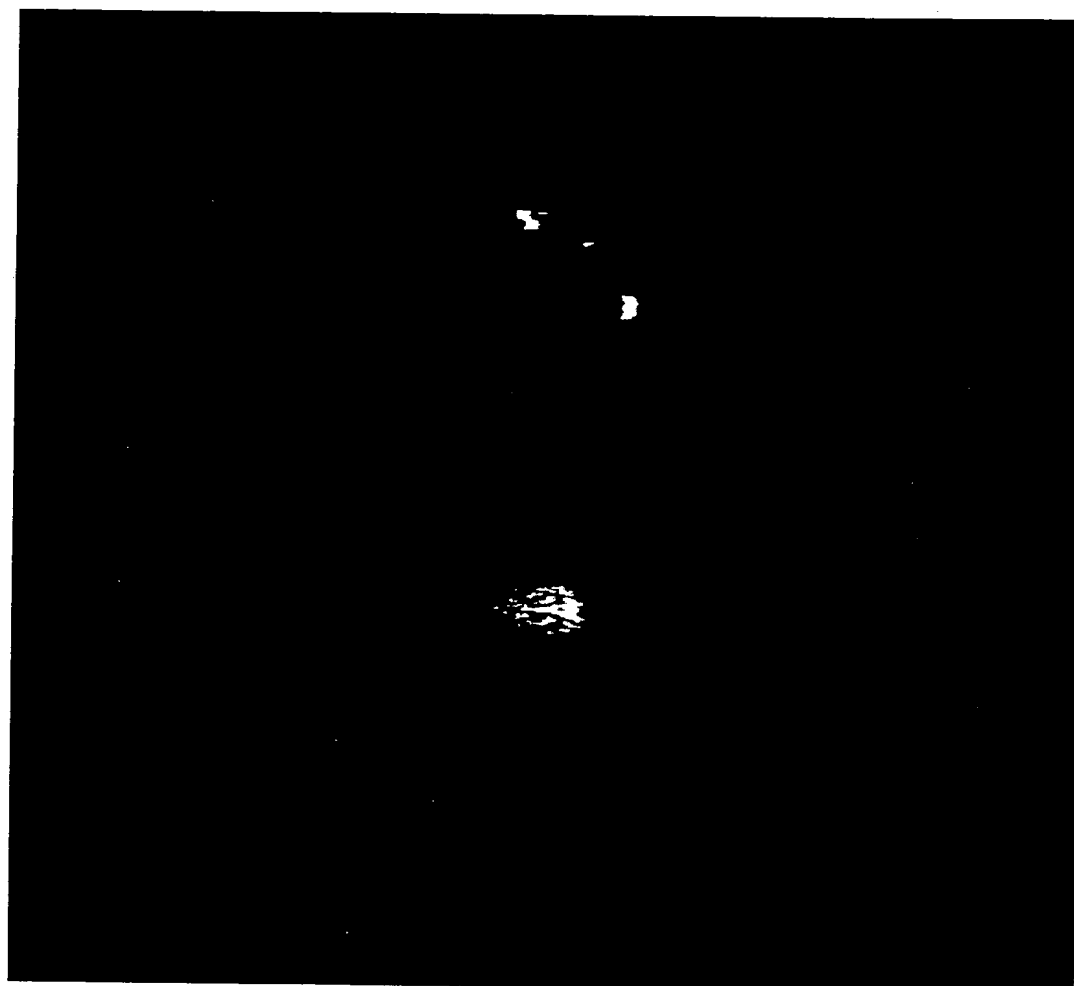
**FIG.2**

**FIG. 3**

**FIG.4**

**FIG.5**

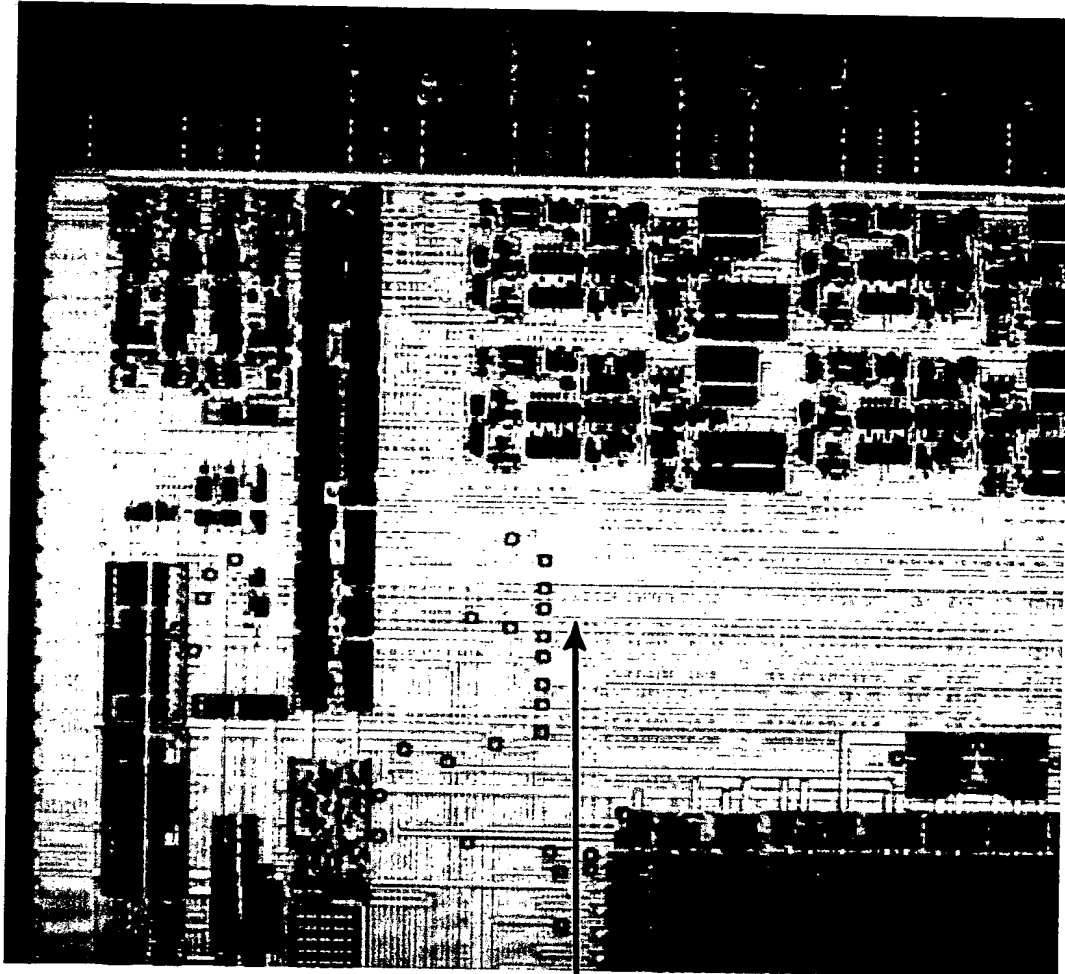
**FIG.6**



610



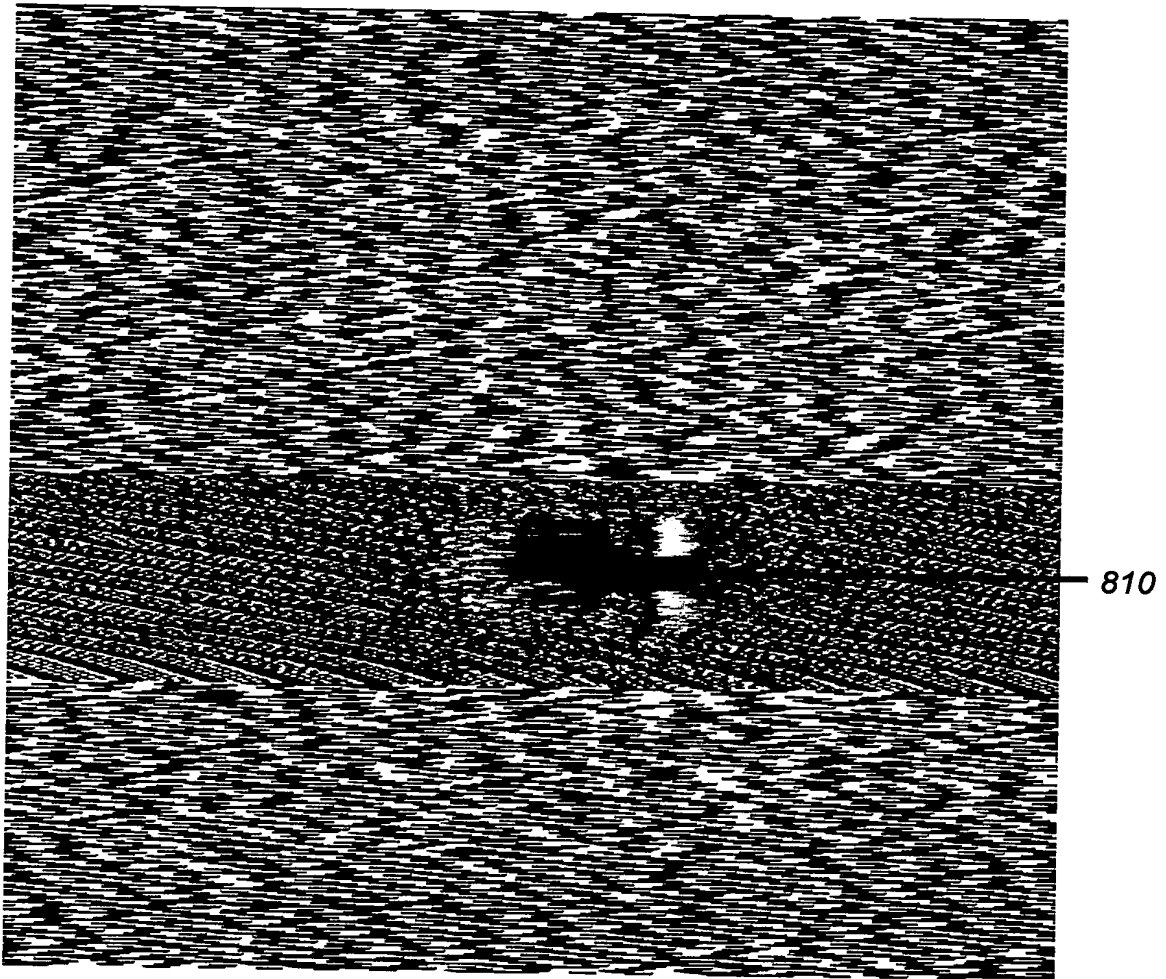
FIG. 7



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*FIG. 8*



**FIG.9**



910

**FIG. 10**



**1010**